

**XP-002245703**

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**CPY - LEEB-I**

**DC - A32**

**FS - CPI**

**IC - C23C16/50**

**IN - JUN B H; LEE B C**

**MC - A10-B A10-D A11-B05C A12-H05**

**PA - (LEEB-I) LEE B C**

**PN - KR2001038850 A 20010515 DW200202 C23C16/50 001pp**

**PR - KR19990046983 19991027**

**XA - C2002-004024**

**XIC - C23C-016/50**

**AB - KR2001038850 NOVELTY - A method for improving the releasing property of a mold using the low temperature plasma process is provided to obtain a method for coating on the mold a polymer thin film which not only is not contaminated by materials such as a releasing agent due to the excellent releasing property but also has the high durability due to the high cohesion to the mold.**

**- DETAILED DESCRIPTION - In a method for improving the releasing property of a mold by coating a polymer thin film comprising pretreatment step of treating the mold with the reactive gas plasma; and plasma polymer coating step of depositing the polymer produced by plasma polymerizing a monomer gas on the mold (11), the polymer coating step comprises a binding layer (12) coating step of coating the pretreated mold by polymerizing as gradually increasing the pressure of a reaction chamber (the pressure of the monomer gas); and a functional layer (13) coating step of coating the binding layer coated mold by polymerizing as constantly maintaining the pressure of the reaction chamber.**

**- (Dwg.1/10)**

**IW - METHOD IMPROVE RELEASE PROPERTIES LOW TEMPERATURE PLASMA PROCESS**

**IKW - METHOD IMPROVE RELEASE PROPERTIES LOW TEMPERATURE PLASMA PROCESS**

**INW - JUN B H; LEE B C**

**NC - 001**

**OPD - 1999-10-27**

**ORD - 2001-05-15**

**PAW - (LEEB-I) LEE B C**

**TI - Method for improving releasing property of mold using low temperature plasma process**